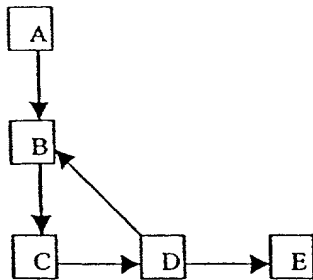


Figure 1

13

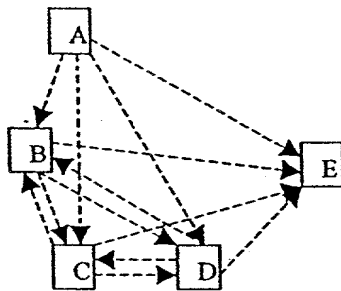
a. True Graph G



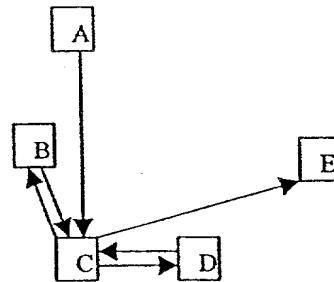
b. Connectivity Data for G

	Expressed Genes					
Induced Gene		A	B	C	D	E
	A	1	1	1	1	1
	B	0	1	1	1	1
	C	0	1	1	1	1
	D	0	1	1	1	1
	E	0	0	0	0	1

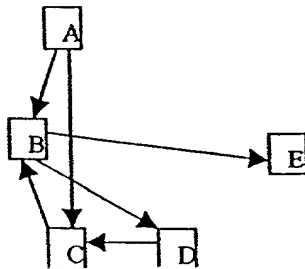
c. Transitive Closure G*



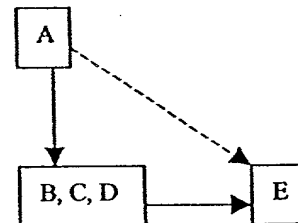
d. A Graph compatible with Data



e. A Graph compatible with Data



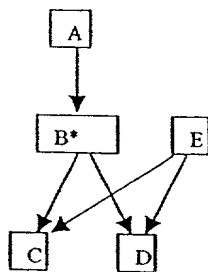
f. G* reduced to condensed graph



Solid arrows are required by the data.
 Dashed arrows cannot be excluded by the data.

Figure 2

a. True Graph G ,
 B regulated by A not by expression.



b. Connectivity Data for G

	Expressed Genes					
	A	B	C	D	E	
Induced Gene	A	1	0	1	1	0
	B	0	1	1	1	0
	C	0	0	1	0	0
	D	0	0	0	1	0
	E	0	0	1	1	1

c. Transitive Closure G^*

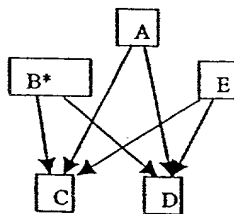


Figure 3